

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-13 (Canceled).

Claim 14 (Currently amended): A quartz glass crucible having an inside surface and an outside surface, said crucible comprising a transparent coated layer,

wherein, said transparent coated layer comprises a crystallization promoter dispersed in a silica matrix on at least the inside and/or the outside surface of said crucible,

wherein, said crystallization promoter is a metal oxide derived from a metal organic acid salt or a metal carbonate of one or more metals selected from the group consisting of magnesium, calcium, strontium and barium; and

an amount of said crystallization promoter is equal to or more than 1×10^{-9} to less than 1×10^{-8} mol/cm² being calculated as metal oxide said crucible containing, therein, polysilicon.

Claim 15 (Currently amended): The quartz glass crucible according to Claim 14, wherein said crucible is obtained by coating a silica sol liquid comprising a metal salt and a partial hydrolyzate of an alkoxysilane oligomer on [[the]] at least the inside and/or the outside surface of the crucible, and heating a crucible coated with the silica sol liquid to form a transparent coated layer comprising a crystallization promoter derived from said metal salt.

Claim 16 (Currently amended): The quartz glass crucible according to Claim [[14]] 15, obtained by coating the crucible with a silica sol liquid comprising wherein the metal salt is a metal organic acid salt or a metal carbonate of one or more metals selected from the group consisting of magnesium, calcium, strontium, or and barium, and a partial hydrolyzate of an alkoxysilane oligomer on the surface of the crucible, and heating said coated silica sol

~~liquid to form a transparent coated layer comprising the metal oxide or the metal carbonate as a crystallization promoter.~~

Claim 17 (Cancelled).

Claim 18 (Currently amended): The quartz glass crucible according to Claim [[15]]
16, wherein said metal salt is a salt carbonate of magnesium, calcium, strontium or barium.

Claim 19 (Currently amended): The quartz glass crucible as claimed in Claim 16,
wherein said ~~silica sol liquid comprises~~ metal salt is a metal an organic acid salt that is a of
magnesium, calcium, strontium or barium ~~carboxylate~~.

Claim 20 (Cancelled).

Claim 21 (Previously Presented): The quartz glass crucible as claimed in Claim 14,
wherein said transparent coated layer is located on the inside surface of said crucible.

Claim 22 (Previously Presented): The quartz glass crucible as claimed in Claim 14,
wherein said transparent coated layer is located on the inside and outside surface of said
crucible.

Claim 23 (Previously Presented): The quartz glass crucible as claimed in Claim 14,
wherein said transparent coated layer is located on an outside surface of said crucible.

Claim 24 (New): The quartz glass crucible as claimed in Claim 19, wherein said organic acid salt is a carboxylate of magnesium, calcium, strontium or barium.

Claim 25 (New): The quartz glass crucible as claimed in Claim 14, wherein said crystallization promoter dispersed in a silica matrix on at least the inside surface is in direct contact with the polysilicon.

Claim 26 (New): The quartz glass crucible as claimed in Claim 21, wherein said transparent coated layer is located on at least a part of the inside surface of said crucible.